

Amendments to the Specification

Please amend the cross reference to related applications on line 1, page 1 to read as follows:

-- This application is a continuation of U.S. Patent Application No. 10/061,506, filed February 1, 2002, which claims the benefit of the filing date of U.S. Provisional Application No. 60/265,317, both applications being incorporated herein by reference.

Please amend paragraph number 0050 on pages 10 and 11 of the specification as follows:

--[0050] The tank module [40] of the present invention is depicted in FIGS. 3-9 and 22. The tank module comprises a housing [42], a battery cover [43], battery units [44], a microcontroller [46], a circuit board [48], an RF transmitter [50], a magnetic sensor [52], an attachment band [54], ~~electrical connection wires [56]~~, a momentary switch [58], an electric inclinometer [60], a liquid crystal display [62], a clock oscillator [64], and a voltage regulator [66].—

Please amend paragraph number 0055 on page 12 as follows:

-- [0055] The physical and circuit connections of the tank module [40] are detailed in FIGS. 3-10. The arrows in FIG. 10 indicate the input/output relationship between the circuit components of the tank module. The onboard battery [40 ~~44~~], suitably a 9V or a number of AA batteries, is regulated to +3V by the voltage regulator [66], which provides power to all components on common +3V and ground connections. A 16-bit microcontroller [46] houses all system software and serves as the nerve center for the system. Suitable microcontrollers are readily commercially available. Suitable microcontrollers include Texas Instruments TI MSP430 or MSP430F435. The clock oscillator [64] outputs a 4 MHz square wave to the microcontroller [46] for timing reference. The momentary switch [58] is a switch that

activates the system by grounding an input pin on the microcontroller [46]. The inclinometer [60], magnetic sensor [52], liquid crystal display [62] and RF transmitter [50] incorporate an interface with the microcontroller. Suitable magnetic sensors are readily commercially available. Suitable magnetic sensors include a GMR AA002-02 magnetic sensor available from NVE Corporation. Suitable electronic inclinometers are also readily available, suitable inclinometers include the SPECTRON SP5003-A-000 inclinometer from Spectron Systems Technology.--

Please amend paragraph number 0062 on page 16 of the specification as follows:

-- [0062] FIGS. 15-~~19~~ 21 detail the display module [200]. The display module [200] comprises a housing [203], a battery cover [201], a circuit board [225], an RF receiver [202], a microcontroller [204], input buttons [206, 208, 210], a liquid crystal display [212], an audio transducer [214], a power switch, a voltage regulator [218], a tractor groundspeed connector [220], and a clock oscillator [222]. The display module [200] can be powered by an onboard battery [226] or by the power supply of a tractor, through a power supply input [224] in the display module [200]. The display module [200] can be mounted within a tractor [10] cab. The display module [200] can be mechanically fastened either via suction cups to the windshield, a mounting holster within the cab or by magnetic means. The display module can also contain a T-slot attachment [227] to aid in mounting.--

Please amend paragraph number 0063 on pages 16-17 of the specification as follows:

--[0063] The physical and circuit connections of the display module [200] are detailed in FIGS. 15-18 and 20-21. The arrows in FIG. 8 18 indicate the input/output relationship between the components. A 16-bit microcontroller [204] is powered via 12V tractor supply or internal batteries [226] preferably 9V or AA batteries, within the display module housing

[203]. The power switch is a toggle or rocker switch which closes the circuit between the power supply and voltage regulator [218]. The voltage regulator [218] regulates external voltage down to +3V for circuit components. The display module [200] can be connected to the tractor's onboard Doppler groundspeed instruments or other speed indicators to have access to the tractor's current speed for purposes of secondary calculations and features. The tractor's ground speed indicator is electronically interfaced with microcontroller [204] via a cable and appropriate connectors [220]. The clock oscillator [222] supplies a square wave at 4 MHz for timing purposes to microcontroller [204]. The liquid crystal display [212] is directly interfaced with microcontroller [204] to provide visual information to the user.—